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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	08978633
	Filing Date	1997-11-25
	First Named Inventor	Rabbani
	Art Unit	1635
	Examiner Name	J. Angell
	Attorney Docket Number	Enz-53-D1

U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6538107		2003-03-25	Hinuma	
	2	5827935		1998-10-27	Rossi	
	3	5821046		1998-10-13	Karn	
	4	5854038		1998-12-29	Sullenger	
	5	5736387		1998-04-07	Paul	
	6	5734039		1998-03-31	Calabretta	
	7	5712384		1998-01-27	Symonds	
	8	5693463		1997-12-02	Edwards	



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9	5648243	1997-07-15	Hurwitz	
10	5646032	1997-07-08	ter Meulen	
11	5633152	1997-05-27	McKnight	
12	5610067	1997-03-11	Saito	
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14	5591601	1997-01-07	Wagner	
15	5587308	1996-12-24	Carter	
16	5583020	1996-12-10	Sullivan	
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20	5480792		1996-01-02	Buechler	
21	5413999		1995-05-09	Vacca	
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	31	4687732		1987-08-18	Ward	
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	1	WO9532225			1995-11-30	Bushman		<input type="checkbox"/>
	2	WO9531566			1995-11-23	Jolly		<input type="checkbox"/>
	3	WO9528494			1995-10-26	Overell		<input type="checkbox"/>
	4	WO9526200			1995-10-05	Williams		<input type="checkbox"/>
	5	WO9519428			1995-07-20	Mason		<input type="checkbox"/>



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	6	WO9508635		1995-03-30	Craig		<input type="checkbox"/>
	7	WO9506129		1995-03-02	Craig		<input type="checkbox"/>
	8	WO9420079		1994-09-15	Livi		<input type="checkbox"/>
	9	EP0547920		1993-06-23	Comb		<input type="checkbox"/>
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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
	1	VERMA et al. "Gene therapy -- promises, problems and prospects" Nature 389: 239-242. 1997	<input type="checkbox"/>
	2	FISHER "Neural precursor cells: applications for the study and repair of the central nervous system" Neurobiology of Disease 4: 1-22. 1997	<input type="checkbox"/>
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4	WANG et al., "Delivery of antisense oligodeoxyribonucleotides against the human epidermal growth factor receptor into cultured KB cells with liposomes conjugated to folate via polyethylene glycol" Proc. Natl. Acad. Sci. USA 92: 3318-3322. 1995	<input type="checkbox"/>
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7	ROSSI, "Controlled, targeted, intracellular expression of ribozymes: progress and problems" Trends Biotechnol. 13: 301-306. 1995	<input type="checkbox"/>
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15	BINKLEY et al. "RNA ligands to human nerve growth factor" Nucleic Acids Res. 23: 3198-3205. 1995	<input type="checkbox"/>
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25	JUNKER et al. "Reduction in replication of the human immunodeficiency virus type 1 in human T cell lines by polymerase III-drive transcription of chimeric tRNA-antisense RNA genes" Antisense Res. Dev. 4: 165-172. 1994	<input type="checkbox"/>



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26	GRUBER et al. "Efficient tumor cell lysis mediated by a bispecific single chain antibody expressed in Escherichia coli" J. Immunol. 152: 5368-5372. 1994	<input type="checkbox"/>
27	DE YOUNG et al. "Functional characterization of ribozymes expressed using U1 and T7 vectors for the intracellular cleavage of ANF mRNA" Biochemistry 33: 12127-12138. 1994	<input type="checkbox"/>
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37	KOLLER et al. "Large-scale expansion of human stem and progenitor cells from bone marrow mononuclear cells in continuous perfusion cultures" Blood 82: 378-384. 1993	<input type="checkbox"/>
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48	TANI et al., "Activity of chimeric RNAs of U6 snRNA and (-) sTRSV in the cleavage of a substrate RNA" Nucleic Acids Res. 20: 2991-2996. 1992	<input type="checkbox"/>
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1	MUZYCZKA "Use of adeno-associated virus as a general transduction vector for mammalian cells" Curr Top Microbiol and Immunol 158: 97-129. 1992	<input type="checkbox"/>
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34	COTTEN et al., "Ribozyme mediated destruction of RNA in vivo" EMBO J 8: 3861-3866. 1989	<input type="checkbox"/>
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Application Number	08978633
Filing Date	1997-11-25
First Named Inventor	Rabbani
Art Unit	1635
Examiner Name	J. Angell
Attorney Docket Number	Enz-53-D1

1	FUERST, et al., "Eukaryotic transient-expression system based on recombinant vaccinia virus that synthesizes bacteriophage T7 RNA polymerase: Proc. Natl. Acad. Sci. USA 83: 8122-8126. 1986	<input type="checkbox"/>
2	ERITJA et al. "Synthesis and properties of oligonucleotides containing 2'-deoxynebularine and 2'-deoxyxanthosine" Nucleic Acids Res 14: 8135-8153. 1986	<input type="checkbox"/>
3	DAVIS et al., "Basic Methods in Molecular Biology" Elsevier, NY 1986	<input type="checkbox"/>
4	ARGOS et al. "The integrase family of site-specific recombinases: regional similarities and global diversity" EMBO J. 5: 433-440. 1986	<input type="checkbox"/>
5	AGRAWAL et al. "Efficient methods for attaching non-radioactive labels to the 5' ends of synthetic oligodeoxyribonucleotides" Nucleic Acids Res. 14: 6227-6245. 1986	<input type="checkbox"/>
6	SAIKI et al., "Enzymatic amplification of beta-globin genomic sequences and restriction site analysis for diagnosis of sickle cell anemia" Science 230: 1350-1354. 1985	<input type="checkbox"/>
7	CHU et al. "In vitro expression of the intron-containing gene for T4 phage thymidylate synthase" J. Biol. Chem. 260: 10680-10688. 1985	<input type="checkbox"/>
8	PERBAL, "A Practical Guide to Molecular Cloning" John Wiley & Sons, New York, 1984	<input type="checkbox"/>
9	MELTON "Efficient in vitro synthesis of biologically active RNA and RNA hybridization probes from plasmids containing a bacteriophage SP6 promoter" et al. Nucleic Acids Res. 12: 7035-7056. 1984	<input type="checkbox"/>
10	KALDERON et al., "A short amino acid sequence able to specify nuclear location." Cell 39: 499-509. 1984	<input type="checkbox"/>
11	DAVANLOO et al. "Cloning and expression of the gene for bacteriophage T7 RNA polymerase" Proc. Natl. Acad. Sci. USA 81: 2035-2039. 1984	<input type="checkbox"/>


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12	CHU et al. "Intervening sequence in the thymidylate synthase gene of bacteriophage T4" Proc. Natl. Acad. Sci. USA 81: 3049-3053. 1984	<input type="checkbox"/>
13	TEEM et al., "Expression of a beta-galactosidase gene containing the ribosomal protein S1 intron is sensitive to the rna2 mutation of yeast" Proc. Natl. Acad. Sci. USA 80: 4403-4407. 1983	<input type="checkbox"/>
14	DUNN et al., "Complete nucleotide sequence of bacteriophage T7 DNA and the locations of T7 genetic elements" J. Mol. Biol. 166: 477-535. 1983	<input type="checkbox"/>
15	MOUNT "A catalogue of splice junction sequences" Nucleic Acids Res. 10: 459-472. 1982	<input type="checkbox"/>
16	MANSER et al., Human U1 loci: genes for human U1 RNA have dramatically similar genomic environments" Cell: 29: 257-264. 1982	<input type="checkbox"/>
17	MANIATIS et al. Molecular Cloning, A Laboratory Manual, Cold Spring Harbor Laboratory Press, 1982	<input type="checkbox"/>
18	RUOSLAHTI et al. "Alignment of biologically active domains in the fibronectin molecule" J. Biol. Chem. 256: 7277-7281. 1981	<input type="checkbox"/>
19	ANDERSON et al. "Structure of the cro repressor from bacteriophage lambda and its interaction with DNA" Nature 290: 754-758. 1981	<input type="checkbox"/>
20	ROYCHOUDHURY et al. "Influence of nucleotide sequence adjacent to duplex DNA termini on 3' terminal labeling by terminal transferase" Nucleic Acids Res. 6: 1323-1333. 1979	<input type="checkbox"/>
21	RIGBY et al. "Labeling deoxyribonucleic acid to high specific activity in vitro by nick translation with DNA polymerase I" J. Mol. Biol. 113: 237-251. 1977	<input type="checkbox"/>
22	RAFESTIN et al. "Purification of N-acetyl D-glucosamine-binding proteins by affinity chromatography" FEBS Letters 40: 62-66. 1974	<input type="checkbox"/>


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23	STAVRIANOPOULOS et al. "Mechanism of DNA replication by highly purified DNA polymerase of chicken embryo" Proc. Natl. Acad. Sci. USA 69: 2609-2613. 1972	<input type="checkbox"/>
24	SOEIRO et al. "Competition hybridization by "pre-saturation" of HeLa cell DNA" J. Mol. Biol. 44: 551-562. 1969	<input type="checkbox"/>
25	Definitions for "compound", "polymer", "monomer" on 2005-10-19 from www.cancerweb.ncl.ac.uk	<input type="checkbox"/>

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